

Winter 2002-2003 Season Wrapup

The snow network continues to run very smoothly thanks to the effort put forth by snow spotters across central New York and northeast Pennsylvania. The 2002-2003 winter was one of those extremely busy and challenging seasons, with above normal snowfall, capped off by a high frequency of mixed snow and ice events. In some areas, the continual snow pack was measured in feet for much of the winter.

The winter began early with a few rounds of Lake Effect Snow in October, but it wasn't until November when the bowling alley of major storms started rolling, seemingly non-stop, through the region. The first coastal storm moved up the Atlantic seaboard on the 16th of November providing an ice storm for the Western Catskills, Mohawk Valley, and eastern fringes of the Susquehanna region. One half to one inch of icing was deposited, especially over the higher elevations. Except for the three major snowstorms, the difference between valley and higher terrain snowfall was quite pronounced this year. The first widespread snowfall of the season to fall over a significant portion of our forecast area, occurred on the 5th of December where 6 to 10 inches fell over much of northeast Pennsylvania and into portions of the western Catskills. A little less than a week later, on the 11th and 12th, a mixed ice and snow storm swept through those very same areas. The first of our three major holiday storms was, of course, the Christmas Day heavy snow which brought a wide range of snowfall amounts to the region. Our snow spotters reported a band of 2 to 3 feet in the Western Catskills and eastern Susquehanna region, but amounts rapidly dropped off to 8-14 inches along the I-81 corridor and across northeast Pennsylvania. Lesser amounts, even down to as little as 6 inches, fell over the far western and northern fringes of the central Southern Tier and Finger Lakes. Right on the heels of that big storm were the double whammy New Year's week storms which invaded the region first with a significant icing on the 1st and 2nd of January, followed quickly by yet another general 1 to 2 feet of snow on the 3rd and 4th. Thousands of folks were without power and emergency shelters were activated in many counties and municipalities. Winter kept on roaring through February with the President's Day storm, which was yet another strong coastal low moving up the Atlantic seaboard. This storm produced a snow distribution much like the Christmas day storm, where heavy snow fell over eastern parts of our region with lighter snow to the west. This is a typical coastal low snowfall pattern. Late in the season, we were reminded just how far north we actually do live, as heavy snow fell over parts of the Catskills and Poconos in early March, followed by a significant early April (5th) ice storm which forced counties from the Finger Lakes region to the Mohawk Valley and southern Tug Hill Plateau to declare states of emergency. Tens of thousands of electrical customers were without power, in some cases up to a week, and millions of dollars worth of damage was caused by this icing. Throughout the long, cold winter, the lake effect machine was motoring right along, and was usually strongest behind the major storm systems as cold air poured in across the big lake. Several of our lake snow belt stations reported 200-250 inches for the season.

I would like to take this opportunity to thank all of our spotters for a fantastic job this past winter. Your dedication is extremely valuable to us at the National Weather Service as we attempt to improve the accuracy and timeliness of our winter weather products. We especially appreciate the many special snow reports during these heavy snow events that our spotters called in. Keeping the forecasters (like myself) currently up to date on what's *really* happening is key to our success in serving and helping to protect the public.

Respectfully submitted,

Jim Brewster
National Weather Service Binghamton, NY
Precipitation Spotter Network Coordinator

2002-2003 Snow Spotter Data for Central New York and Northeast Pennsylvania

| WINTER 2002-2003 | | ELEV | OCT | NOV | DEC | JAN | FEB | MAR | APR | SEASON | |
|------------------|--------------------|------|-----|-----|-----------|------------|-----------|-----|-----|------------|----------|
| OSWEGO | | | | | | | | | | | |
| | SANDY CREEK | 250 | 0 | 25 | 31 | 104 | 26 | 18 | 8 | 211 | |
| ONEIDA | | | | | | | | | | | |
| | FORESTPORT | 1000 | 5 | 29 | 35 | 53 | 28 | 19 | 17 | 184 | |
| | POINT ROCK | 1000 | 1 | 28 | 38 | 91 | 48 | 19 | 7 | 231 | |
| | WESTERNVILLE | | 4 | 26 | 37 | 69 | 39 | 13 | 8 | 197 | |
| | SYLVAN BEACH | 940 | 0 | 16 | 26 | 31 | 43 | 8 | 5 | 128 | |
| | STOKES HILL | 1820 | T | 24 | 33 | 57 | 40 | 19 | 10 | 182 | |
| | BOONVILLE | | 0 | 17 | 37 | 63 | 21 | 12 | 13 | 162 | |
| | WESTERNVILLE | 1350 | 0 | 15 | 26 | 66 | 35 | 16 | 14 | 172 | |
| | CAMDEN | | T | 24 | 39 | 88 | 41 | 15 | 4 | 210 | |
| | HOLLAND PATENT | 590 | 0 | 13 | 31 | 48 | 28 | 11 | 5 | 137 | |
| | HOLLAND PATENT | | 0 | 18 | 40 | 47 | 27 | 14 | 7 | 152 | |
| | KIRKLAND | 720 | 3 | 21 | 52 | 54 | 49 | 16 | 13 | 207 | |
| YATES | | | | | | | | | | | |
| | STARKEY | 1400 | 0 | 6 | 17 | 17 | 15 | 8 | 2 | 65 | M |
| | PENN YAN | | 0 | 9 | 39 | 44 | 23 | 10 | 4 | 129 | |
| SENECA | | | | | | | | | | | |
| | WILLARD | 490 | 0 | 0 | 21 | 14 | 13 | 7 | 3 | 57 | M |
| | TRUMANSBURG | 750 | 0 | 7 | 27 | 34 | 21 | 14 | 0 | 103 | M |
| | ROMULUS | | 0 | 5 | 22 | 31 | 17 | 9 | 4 | 88 | |
| CAYUGA | | | | | | | | | | | |
| | UNION SPRINGS | 1010 | 0 | 5 | 13 | 22 | 13 | 8 | 2 | 62 | |
| | LEDYARD | 850 | 0 | 8 | 18 | 25 | 15 | 9 | 0 | 74 | M |
| | AURELIUS | 520 | 0 | 8 | 24 | 35 | 16 | 8 | 4 | 95 | |
| | MORAVIA | | 0 | 11 | 26 | 24 | 11 | 8 | 6 | 86 | |
| | AUBURN | | 0 | 11 | M | 32 | 35 | 0 | 0 | 78 | M |
| ONONDAGA | | | | | | | | | | | |
| | LIVERPOOL | 1430 | T | 14 | 42 | 33 | 35 | 10 | 2 | 135 | |
| | BALDWINVILLE NW | | 0 | 22 | 52 | 51 | M | M | M | 124 | M |
| | SKANEATELES | | 0 | 15 | 45 | 37 | 33 | 14 | 4 | 148 | |

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|--------------|-----|---|----|-----------|-----------|----|----|---|-----|----------|
| SYRACUSE | 600 | 0 | 16 | 39 | 37 | 31 | 12 | 3 | 138 | |
| PENNELLVILLE | | 0 | 15 | 34 | 39 | 57 | 15 | 4 | 164 | |
| CAMILLUS | | 0 | M | 45 | 45 | 32 | 7 | 0 | 129 | M |

STEUBEN

| | | | | | | | | | | |
|----------------|------|---|----|-----------|-----------|-----------|----|---|-----|----------|
| CORNING | | 0 | 8 | 19 | 20 | 18 | 13 | 6 | 84 | |
| CORNING NW | 990 | 0 | 6 | 24 | M | 12 | 0 | 6 | 48 | M |
| CATON | | 0 | 7 | 17 | 17 | 15 | 11 | 4 | 71 | |
| BG FLTS/E CRNG | | 0 | 5 | 16 | 19 | 16 | 13 | 5 | 74 | |
| AVOCA NY | 1040 | 0 | 16 | 34 | 31 | 25 | 12 | 6 | 124 | |
| CAMPBELL | | 0 | 10 | 26 | M | M | M | 3 | 38 | M |
| CAMERON | 830 | 0 | 7 | 12 | 6 | 12 | 9 | 0 | 45 | |
| HORNELL | | 0 | 14 | 31 | 30 | 27 | 9 | 8 | 118 | |
| ADDISON | | 0 | 3 | 20 | 19 | 35 | 3 | T | 80 | |
| CANISTEO | | 0 | 9 | 32 | 23 | 20 | 11 | 6 | 100 | |
| CORNING | | 0 | 15 | 19 | 15 | 14 | 14 | 4 | 82 | |

SCHUYLER

| | | | | | | | | | | |
|----------------|-----|---|----|-----------|----|----|----|---|----|----------|
| WATKINS GLEN | 380 | 0 | 5 | 16 | 20 | M | 11 | 4 | 55 | M |
| READING CENTER | 380 | 0 | 13 | 27 | 21 | 17 | 12 | 6 | 95 | |

CHEMUNG

| | | | | | | | | | | |
|--------------|------|---|----|-----------|-----------|-----------|----|---|-----|----------|
| ALPINE | 460 | 0 | 11 | 28 | 18 | 24 | 13 | 4 | 98 | |
| PINE CITY | 510 | 0 | 7 | 21 | 20 | 26 | 15 | 3 | 91 | |
| ERIN NW | 800 | 0 | 5 | 22 | 25 | 17 | 13 | 5 | 88 | |
| ELMIRA DNTN | 900 | T | 5 | 17 | 16 | 16 | 11 | 4 | 69 | M |
| ELMIRA SW | 1060 | 0 | 7 | 18 | 18 | 21 | 14 | 4 | 82 | |
| HORSEHEADS E | 1300 | 0 | 7 | 22 | 20 | 17 | 14 | 3 | 83 | |
| ELMIRA SE | 1360 | 0 | 6 | 20 | 19 | 19 | 14 | 4 | 82 | |
| ELMIRA | | 0 | 4 | 15 | 12 | 12 | 12 | 4 | 57 | M |
| SOUTHPORT | | 0 | 3 | 17 | 20 | 15 | 10 | 3 | 67 | |
| SOUTHPORT | 1490 | 0 | 9 | 16 | 17 | 19 | 13 | 4 | 77 | |
| ERIN | 900 | 0 | 8 | 26 | 32 | 27 | 14 | 4 | 112 | |
| ELMIRA | 1120 | 0 | 6 | 12 | 12 | 11 | 9 | 2 | 51 | M |
| ELMIRA | 1160 | 0 | 6 | 19 | 21 | 21 | 14 | 4 | 84 | |
| ELMIRA | 830 | 0 | 9 | 25 | 22 | 20 | 13 | 4 | 93 | |
| SOUTHPORT | 1580 | 0 | 5 | 17 | 25 | 17 | 12 | 0 | 76 | M |
| ELMIRA | | 0 | 4 | 16 | 17 | 14 | 11 | 3 | 66 | |
| PINE VALLEY | | 0 | 0 | 19 | 25 | 23 | 13 | 4 | 84 | |

TOMPKINS

| | | | | | | | | | | |
|-------------|------|---|----|----|-----------|----|----|---|-----|----------|
| LANSING STN | 1230 | 0 | 1 | 12 | 20 | 12 | 6 | 3 | 54 | |
| ITHACA | | 0 | 7 | 26 | 33 | 15 | 8 | 2 | 90 | |
| DANBY | | 0 | 14 | 33 | 35 | 26 | 15 | 0 | 122 | |
| GROTON | | 0 | 6 | 26 | 31 | 23 | 6 | 0 | 93 | |
| FREEVILLE | | 0 | 6 | 25 | 34 | 21 | 8 | 3 | 96 | |
| ITHACA | | 0 | 11 | 11 | 22 | 17 | 12 | 2 | 73 | |
| DANBY | 1175 | 0 | 12 | 29 | 31 | 20 | 14 | M | 105 | M |

MADISON

| | | | | | | | | | | |
|-------------|------|---|----|-----------|-----------|-----------|----|---|-----|----------|
| CAZENOVIA | | 1 | 19 | 39 | 33 | 25 | 15 | 6 | 137 | |
| ONEIDA 1 | 1100 | 0 | 11 | 39 | 50 | 54 | 14 | 4 | 172 | |
| ONEIDA 2 | 1395 | 0 | 0 | M | 42 | 48 | 13 | 8 | 111 | M |
| ONEIDA 3 | 511 | 0 | 13 | 40 | 31 | 33 | 11 | 5 | 132 | |
| CHITTENANGO | | 0 | 0 | 24 | 37 | 33 | 7 | 0 | 102 | |
| LEBANON | | 0 | 3 | 29 | 23 | 22 | M | 6 | 83 | M |
| DERUYTER | | 0 | 9 | 25 | 29 | 20 | 12 | 6 | 100 | |
| STOCKBRIDGE | | 0 | 8 | 43 | 0 | 36 | 0 | 0 | 87 | M |
| BROOKFIELD | | 0 | 13 | 28 | 33 | 30 | 10 | 0 | 114 | |
| CAZENOVIA | | 0 | 20 | M | M | 17 | 5 | 9 | 51 | M |
| NELSON | 1440 | M | M | M | 37 | 29 | 16 | 5 | 87 | M |
| CAZENOVIA | | M | M | M | 40 | 33 | 14 | 6 | 94 | M |

CORTLAND

| | | | | | | | | | | |
|---------------|------|---|----|----|-----------|----|----|---|-----|--|
| FREETOWN | 1460 | 0 | 15 | 32 | 35 | 26 | 8 | 4 | 119 | |
| CORTLAND NE | 1500 | 0 | 16 | 40 | 42 | 34 | 13 | 6 | 153 | |
| MARATHON | 1400 | 0 | 14 | 32 | 45 | 31 | 10 | 7 | 138 | |
| FREETWN CRNRS | 1310 | 0 | 18 | 29 | 39 | 32 | 11 | 7 | 135 | |
| WILLET | 1440 | 0 | 18 | 31 | 35 | 26 | 13 | 9 | 131 | |
| WILLETT | 1750 | 0 | 17 | 28 | 40 | 29 | 13 | 7 | 133 | |

CHENANGO

| | | | | | | | | | | |
|----------------|------|---|----|-----------|-----------|----|----|---|-----|--|
| GUILFORD | 1750 | 1 | 17 | 35 | 26 | 19 | 12 | 5 | 114 | |
| SMTHVILLE FLTS | 1820 | 0 | 15 | 21 | 31 | 22 | 10 | 0 | 99 | |
| CHENANGO FRKS | 2700 | 0 | 10 | 22 | 35 | 18 | 10 | 8 | 102 | |
| COVENTRY | 1655 | 0 | 16 | 22 | 32 | 19 | 11 | 0 | 100 | |
| BAINBRIDGE | 1580 | 0 | 21 | 31 | 35 | 24 | 13 | 0 | 125 | |
| S NEW BERLIN | | 0 | 17 | 42 | 38 | 25 | 12 | 7 | 141 | |
| GUILFORD | 1620 | 0 | 24 | 44 | 39 | 20 | 10 | 5 | 141 | |
| GREENE | | 0 | 15 | 27 | 45 | 25 | 11 | 0 | 122 | |

OTSEGO

| | | | | | | | | | | |
|----------------|------|---|----|-----------|----|----|---|---|-----|--|
| UNADILLA FORKS | 1060 | 0 | 13 | 57 | 44 | 19 | 8 | 4 | 145 | |
| LAURENS | | 0 | 15 | 39 | 33 | 19 | 9 | 6 | 119 | |
| MORRIS | 1900 | 0 | 14 | 44 | 30 | 17 | 9 | 4 | 118 | |

TIOGA

| | | | | | | | | | | |
|--------------|-----|---|----|-----------|-----------|-----------|----|---|-----|----------|
| LOCKWOOD | | 0 | 6 | 25 | 29 | 26 | 14 | 9 | 109 | |
| APALACHIN | 910 | 0 | 8 | 19 | 18 | 18 | 10 | 4 | 76 | |
| BERKSHIRE E | | T | 10 | 25 | 36 | 25 | 11 | 5 | 110 | |
| BERKSHIRE N | | 0 | 10 | 24 | 39 | 23 | 10 | 6 | 110 | |
| NICHOLS | 700 | 0 | 3 | 14 | 22 | 11 | 10 | 0 | 60 | M |
| OAKLEY CRNRS | | T | 15 | 27 | 31 | 30 | 16 | 0 | 118 | |
| OWEGO W | 960 | 0 | 10 | 23 | 28 | 26 | 14 | 7 | 105 | |
| APALACHIN | 650 | 0 | 7 | 20 | 20 | 23 | 13 | 4 | 86 | |

BROOME

| | | | | | | | | | | |
|----------------|------|---|----|-----------|-----------|-----------|----|----|-----|----------|
| SOUTH OWEGO | | 0 | 6 | 23 | 20 | 14 | 13 | 0 | 76 | M |
| SANFRD/WINDSR | 1050 | 0 | 17 | 41 | 27 | 28 | 11 | 11 | 134 | |
| FENTON/P CRNE | 760 | 0 | 6 | 19 | 27 | 17 | 7 | 6 | 82 | |
| SOUTH VESTAL | | T | 10 | 28 | 31 | 31 | 19 | 9 | 129 | |
| VESTAL CENTER | | 0 | 8 | 25 | 22 | 26 | 13 | 6 | 100 | |
| CENTER LISLE | 750 | 0 | 13 | 28 | 34 | 19 | 14 | 0 | 108 | |
| SANITARIA SPGS | 460 | T | 9 | 15 | 21 | 14 | 10 | 6 | 74 | |
| DEPOSIT | | 0 | 19 | 43 | 37 | 32 | M | M | 131 | M |
| COLESVILLE W | 800 | 0 | 14 | 26 | 32 | 21 | 16 | 5 | 113 | |
| WCRS/UNION CTR | 1585 | 0 | 8 | 20 | 24 | 18 | 10 | 5 | 85 | |
| VESTAL CENTER | 1300 | 0 | 12 | 26 | 26 | 33 | 14 | 5 | 116 | |
| VESTAL E | 760 | 0 | 8 | 26 | 28 | 29 | 12 | 5 | 107 | |
| CHENANGO BDG | | 0 | 9 | 28 | 39 | 32 | 11 | 0 | 118 | M |
| VESTAL | | 0 | 6 | 20 | 23 | 25 | 12 | 5 | 90 | |
| ENDICOTT | 780 | 0 | 5 | 18 | 22 | 26 | 9 | 4 | 83 | |
| CASTLE CREEK | | 0 | 11 | 30 | 36 | 23 | 14 | 9 | 123 | |
| CHENANGO | 800 | T | 10 | 23 | 31 | 20 | 12 | 5 | 101 | |
| BINGHAMTON S | 1350 | 0 | 13 | 22 | 24 | 26 | 14 | 6 | 104 | |
| CHENANGO | 945 | 0 | 6 | 22 | 29 | 20 | 0 | 0 | 76 | M |
| JOHNSON CTY | | 0 | 8 | 23 | 22 | 21 | 10 | 5 | 88 | |

DELAWARE

| | | | | | | | | | | |
|----------|-----|---|----|-----------|----|----|----|---|-----|--|
| MERIDALE | | 0 | 21 | 48 | 37 | 23 | 13 | 6 | 147 | |
| MEREDITH | 850 | 0 | 18 | 45 | 33 | 18 | 12 | 5 | 131 | |

GREENE

| | | | | | | | | | |
|-------------|--|---|----|-----------|----|----|----|---|-----|
| PRATTSVILLE | | 0 | 22 | 60 | 39 | 41 | 15 | 7 | 183 |
|-------------|--|---|----|-----------|----|----|----|---|-----|

SULLIVAN

| | | | | | | | | | |
|-----------|------|---|----|-----------|----|----|----|---|-----|
| LIBERTY | 1850 | T | 10 | 49 | 24 | 36 | 13 | 6 | 137 |
| LONG EDDY | | 0 | 6 | 35 | 21 | 24 | 8 | 5 | 97 |

BRADFORD

| | | | | | | | | | | |
|------------|-----|---|----|-----------|-----------|-----------|----|---|-----|----------|
| SYLVANIA | | 1 | 14 | 24 | 20 | 23 | 15 | 8 | 105 | |
| LITCHFIELD | 960 | 0 | 10 | 26 | 28 | 0 | 0 | 0 | 64 | M |
| MONROETON | 730 | 0 | 5 | 19 | 20 | 20 | 12 | 4 | 80 | |
| CANTON | | 2 | 7 | 16 | 17 | 21 | 14 | 5 | 82 | |
| TOWANDA | | 1 | 4 | 20 | 19 | 19 | 9 | 4 | 76 | |
| WYALUSING | 250 | 0 | 1 | 17 | 16 | M | 8 | M | 41 | M |
| SUGAR RUN | | 0 | 3 | 26 | 20 | 24 | 9 | 0 | 82 | M |
| CANTON | | 0 | 3 | 16 | 12 | 14 | 12 | 4 | 63 | |

SUSQUEHANNA

| | | | | | | | | | | |
|----------------|------|---|----|-----------|-----------|-----------|----|---|-----|----------|
| THOMPSON | 1510 | 0 | 10 | 32 | 20 | 24 | 15 | 7 | 107 | |
| QUAKER LAKE | 1755 | 0 | 10 | 25 | 18 | 25 | M | 5 | 82 | |
| BRACKNEY | 760 | 0 | 8 | 27 | 29 | 25 | 17 | 7 | 112 | |
| MONTROSE | 750 | 0 | 5 | 23 | 20 | 25 | 10 | 6 | 89 | |
| FOREST CITY | 1700 | 0 | 7 | 42 | 23 | 21 | 12 | 7 | 112 | |
| BRIDGEWTR TWP | 1260 | 0 | 9 | 35 | 27 | 25 | 13 | 9 | 117 | |
| FAIRDALE/ELK L | | 0 | 8 | 35 | 20 | 28 | 13 | 7 | 110 | |
| SILVER LK TWP | | T | 8 | 27 | 23 | 0 | 0 | 0 | 58 | M |
| NEW MILFORD | | 0 | 7 | 35 | 17 | 18 | 11 | 5 | 91 | |
| FOREST LK TWP | | T | 9 | 31 | 23 | 24 | 10 | 2 | 99 | |
| SPRINGVILLE | | 0 | 6 | 32 | 16 | 20 | 10 | 6 | 89 | |

WAYNE

| | | | | | | | | | | |
|-------------|------|---|----|-----------|----|----|----|---|-----|----------|
| LEDGEDALE | 1400 | 1 | 8 | 35 | 21 | 28 | 13 | 5 | 112 | |
| PRESTON TWP | 1050 | 0 | 14 | 39 | 26 | 25 | 0 | 0 | 104 | M |
| EQUINUNK | 1110 | 0 | 9 | 39 | 22 | 29 | 13 | 8 | 121 | |
| PLEASANT | | 0 | 0 | 38 | 30 | 38 | 5 | 0 | 111 | M |
| MOUNT | | | | | | | | | | |
| CLIFTON | | 0 | 9 | 39 | 25 | 33 | 4 | 0 | 110 | M |
| GOULDSBORO | | 0 | 8 | 34 | 23 | 33 | 14 | 5 | 116 | |
| MILANVILLE | | T | 5 | 33 | 17 | 21 | 9 | 6 | 92 | |

WYOMING

| | | | | | | | | | | |
|-------------|--|---|---|-----------|----|----|----|---|-----|----------|
| EATON | | 1 | 3 | 26 | 19 | 27 | 12 | 0 | 88 | M |
| TUNKHANNOCK | | 0 | 7 | 33 | 19 | 23 | 13 | 8 | 103 | |

LACKAWANNA

| | | | | | | | | | | |
|---------------|------|---|---|-----------|----|----|----|---|-----|--|
| CLARKS SUMMIT | | 0 | 6 | 31 | 11 | 18 | 13 | 5 | 84 | |
| JERMYN | | 0 | 7 | 30 | 22 | 23 | 18 | 8 | 107 | |
| FLEETVILLE | 1200 | 0 | 7 | 28 | 10 | 16 | 14 | 5 | 80 | |

LUZERNE

| | | | | | | | | | | |
|--------------|------|---|---|-----------|----|-----------|----|---|----|----------|
| HARVEYS LAKE | 800 | 2 | 4 | 21 | 20 | 22 | 13 | 5 | 85 | M |
| SWEET VALLEY | | 0 | 4 | 18 | 17 | 20 | 13 | 0 | 71 | |
| BUTLER TWP | 1030 | 3 | 5 | 22 | 13 | 22 | 10 | 3 | 78 | |
| SHICKSHINNY | | 0 | 5 | 20 | 14 | 19 | 10 | 3 | 72 | |

PIKE

| | | | | | | | | | | |
|--------------|------|---|---|-----------|----|-----------|----|---|-----|----------|
| DINGMANS FRY | | 0 | 6 | 26 | 19 | 30 | 12 | 8 | 100 | M |
| DINGMANS FRY | 940 | T | 4 | 19 | 17 | M | 12 | 3 | 54 | |
| MILFORD | | 0 | 2 | 29 | 22 | 25 | 13 | 0 | 91 | |
| MILFORD | 1300 | 0 | 5 | 27 | 11 | 20 | 14 | 6 | 82 | |

COLUMBIA

| | | | | | | | | | | |
|-------------|--|---|---|----|---|---|---|---|----|----------|
| ORANGEVILLE | | 4 | 1 | 19 | M | M | 0 | 6 | 30 | M |
|-------------|--|---|---|----|---|---|---|---|----|----------|

MONROE

| | | | | | | | | | | |
|-----------|------|---|----|----|----|-----------|----|---|-----|----------|
| TOBYHANNA | 1300 | 0 | 14 | 31 | 30 | 34 | 11 | 0 | 119 | M |
|-----------|------|---|----|----|----|-----------|----|---|-----|----------|

BOLD NUMBERS INDICATE HIGHEST MONTHLY TOTAL DURING THE SEASON.

M = DAILY OR MONTHLY DATA MISSING. USE SEASONAL DATA WITH CAUTION.

